

Title (en)

RESIN COMPOSITION THAT CAN RETAIN WET-STATE LUBRICITY

Title (de)

HARZZUSAMMENSETZUNG MIT AUFRECHTERHALTUNG EINER SCHMIERFÄHIGKEIT IM FLÜSSIGEN ZUSTAND

Title (fr)

COMPOSITION DE RÉSINE RESTANT LUBRIFIÉE À L'ÉTAT HUMIDE

Publication

EP 2562218 A4 20131016 (EN)

Application

EP 11771950 A 20110415

Priority

- JP 2010100156 A 20100423
- JP 2011059418 W 20110415

Abstract (en)

[origin: EP2562218A1] Provided is a resin composition which has excellent lubricity and a good touch feeling under wet conditions and suffers from little deterioration in the lubricity or the good touch feeling even if used repeatedly, and is excellent in flexibility. More specifically, the resin composition contains 100 parts by mass of a water-absorbing polymer and 60 to 500 parts by mass of a thermoplastic resin that has a type D durometer hardness (HDD) of 10 to 60.

IPC 8 full level

C08L 71/02 (2006.01); **C08G 18/48** (2006.01); **C08L 23/08** (2006.01); **C08L 31/04** (2006.01); **C08L 75/08** (2006.01); **C08L 101/12** (2006.01)

CPC (source: EP US)

C08G 18/4833 (2013.01 - EP US); **C08L 71/02** (2013.01 - EP US); **C08L 75/08** (2013.01 - EP US); **C08L 2205/03** (2013.01 - EP US)

Citation (search report)

- [XP] DATABASE WPI Week 201128, Derwent World Patents Index; AN 2011-D56353, XP002712037
- [T] SIHAMA ESSA SALIH ET AL: "Comparison of the Characteristics of LDPE : PP and HDPE : PP Polymer Blends", MODERN APPLIED SCIENCE, vol. 7, no. 3, 5 February 2013 (2013-02-05), XP055077180, ISSN: 1913-1844, DOI: 10.5539/mas.v7n3p33
- [X] DATABASE WPI Week 199926, Derwent World Patents Index; AN 1999-308194, XP002712039
- [X] DATABASE WPI Week 198612, Derwent World Patents Index; AN 1986-078235, XP002712038
- See references of WO 2011132615A1

Cited by

US11751431B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2562218 A1 20130227; **EP 2562218 A4 20131016**; CA 2797008 A1 20111027; CN 102906196 A 20130130; JP WO2011132615 A1 20130718; US 2013040868 A1 20130214; WO 2011132615 A1 20111027

DOCDB simple family (application)

EP 11771950 A 20110415; CA 2797008 A 20110415; CN 201180020509 A 20110415; JP 2011059418 W 20110415; JP 2012511639 A 20110415; US 201113642773 A 20110415